



POWER INDUCTORS

MODEL NO : SPI-105060 SERIES(CDRH8D58/LD COMPATIBLE)**Features :**

- * SMD version.
- * High power and high performance.
- * Magnetically shielded.
- * Compliant with RoHS and REACH.

Application :

- * PC Cameras. * Routers.
- * DC/DC converter in power regulation system.

**Electrical Specification :**

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (m Ω)	TEMPERATURE RISE CURRENT (ADC) (NOTE 2)	SATURATION CURRENT (ADC) (NOTE 3)
SPI-105060-2R8	2.8	15.0	6.9	4.7
SPI-105060-3R9	3.9	16.3	6.3	4.1
SPI-105060-5R0	5.0	17.5	6.0	3.8
SPI-105060-6R2	6.2	20.0	5.5	3.3
SPI-105060-100	10	25.6	4.5	2.6
SPI-105060-150	15	36.3	3.6	2.2
SPI-105060-220	22	45.3	3.3	1.7
SPI-105060-330	33	65.3	2.7	1.5
SPI-105060-470	47	90.5	2.2	1.2
SPI-105060-680	68	130	1.7	1.0
SPI-105060-101	100	175	1.4	0.8

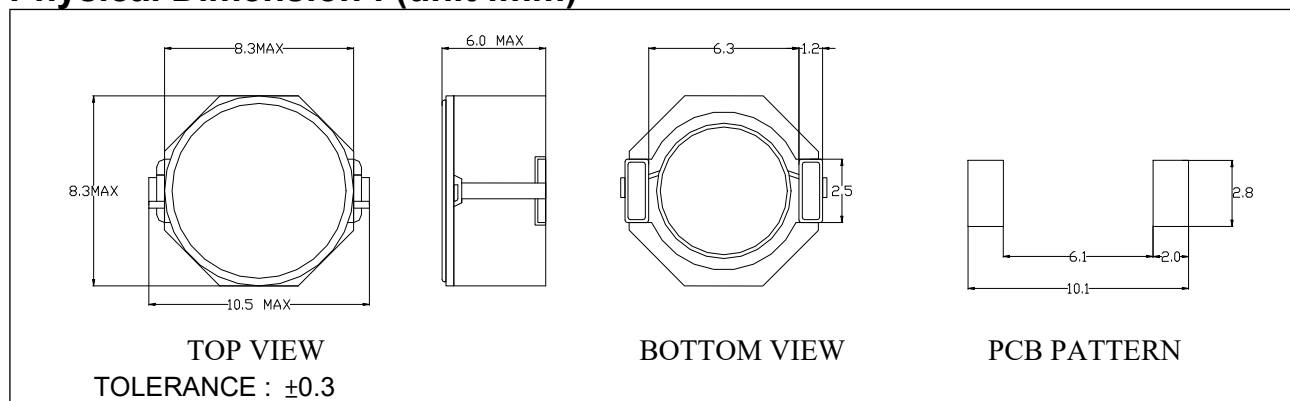
NOTE(1): Measuring condition : 100 KHZ, 0.1Vrms.

NOTE(2): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.

NOTE(3): The saturation current indicates the value of DC current is approximately 35% lower than its initial value of inductance.

NOTE(4): Operating temperature range: $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

NOTE(5): Storage time :The recommended storage time of Inductor is maximum 12 months, and don't suggest to use the parts over 12 months.

Physical Dimension : (unit :mm)**PACKAGING SPEC:**

1. REEL SIZE & UNITS PER REEL :13", 500 PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm.